



# Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Robert D. LiMandri, Acting Commissioner  
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

### MEA 150-08-E Vol. 3

**Manufacturer:** Paloma Industries Inc.  
2151 Eastman Avenue  
Oxnard, CA 93030

**Trade Name(s):** EcoSense

**Product:** Instantaneous gas-fired hot water heaters  
MEA Index #410-190 – Gas, Water Heaters

**Pertinent Code Section(s):** 27-800, 27-826, 27-886, RS 16(P107.26)  
RS 14-2 (ANSI Z223.1)

**Prescribed Test(s):** RS 14-6 (ANSI Z21.10.3)

**Laboratory:** CSA International

**Test Report(s):** 188998-1788822 dated March 17, 2008.

**Description:** Gas-fired instantaneous water heaters. Unit is comprised of PCB, self-diagnostic program, exclusive film wrap overheat limiter, built-in electric blower, automatic ignition system, combination gas control, water flow sensor, heat exchanger, freeze protection heater, oxygen depletion safety devise and flame rod system. Digital control for convenience, comfort and ease of maintenance. Control displays adjustable temperature setting. Unit with model number and input heating rating is listed below.

Model No.	Input (Btu/hr)
ECO-180DVN	180,000

**Note:** Suffix designations are as follows:  
**ECO:** EcoSense Tankless Gas  
**DV:** Direct Vent Version for Indoor Installation  
**N:** For Natural Gas

**Terms and Conditions:** The above-described instantaneous water heater is accepted with the following conditions:

1. Units shall be fired by natural gas only.
2. Units shall be installed on non-combustible surfaces. Minimum installed clearance from combustible construction shall be as follows:  
Top – 12 inches; front – 12 inches (24 for servicing);  
Coaxial Vent – 1 inch; right and left sides – ½ inch; from  
back of unit (with support bracket) – 0 inches, bottom – 12 inches.
3. Heaters shall not be installed in any closed space with a volume of less than 10 cubic feet.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Departments Electrical Advisory Board before installation.
5. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
6. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to those tested and accepted for use, as provided for in Section 27-131 of the New York City Building Code.

**NOTE:** In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance June 30, 2008

Examined By Simon Derfudam